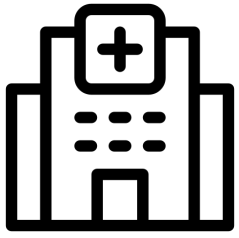
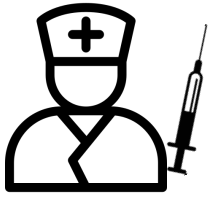
Vaccine Booking Application

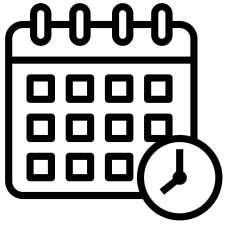


Premises

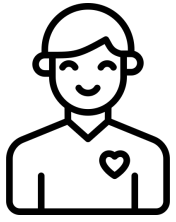


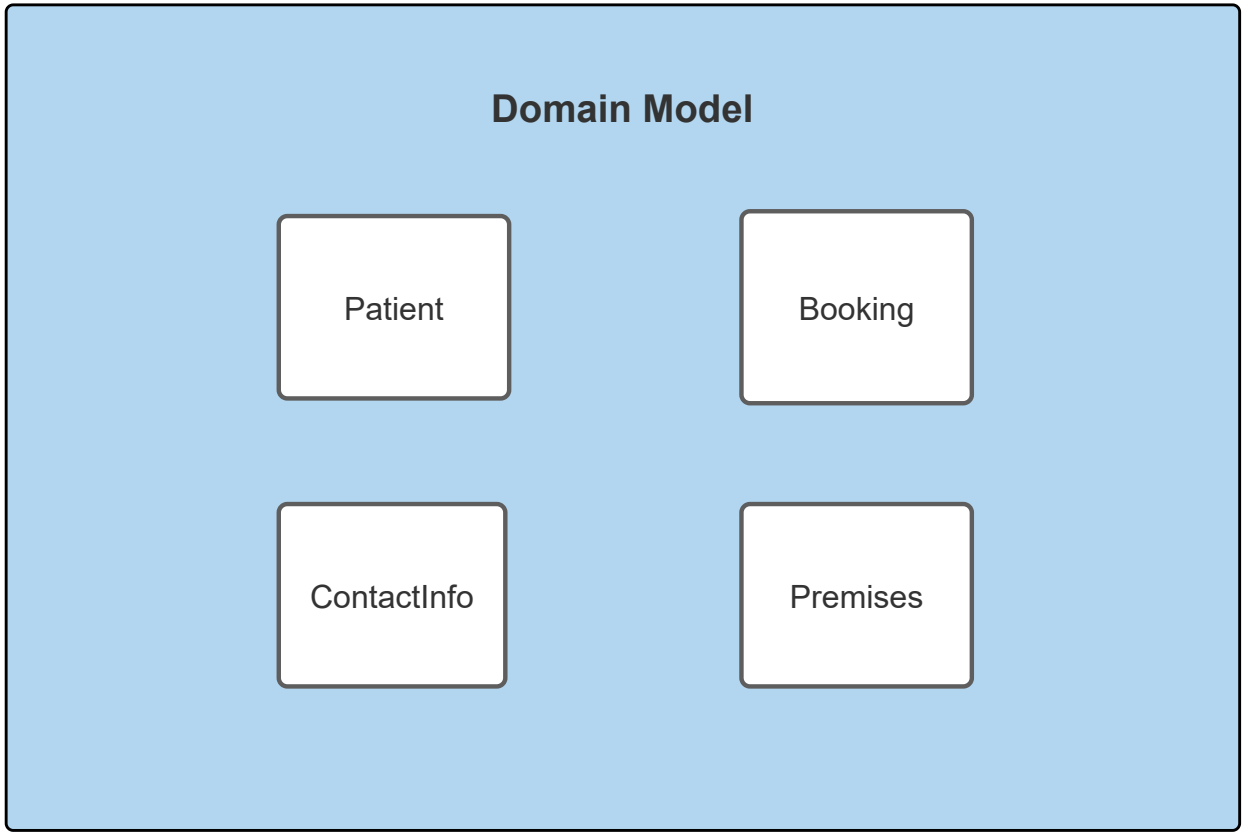
Nurse

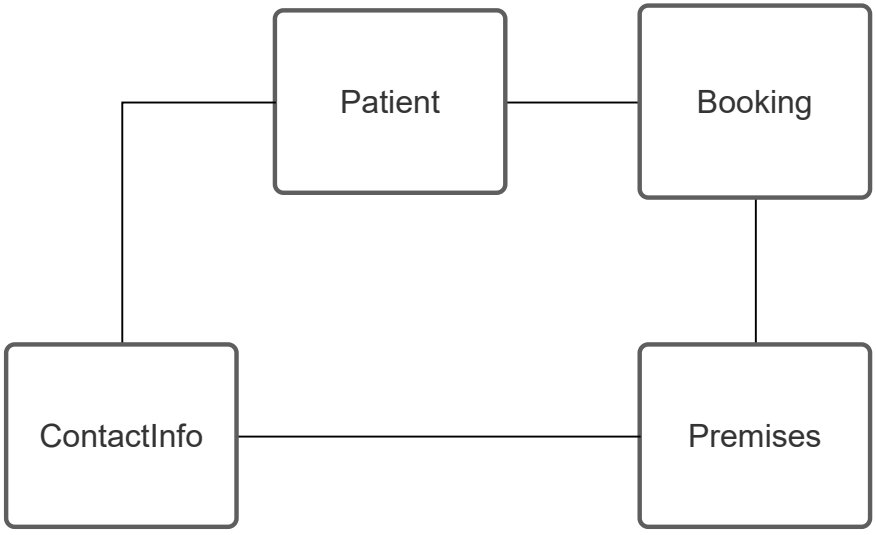
Booked Time



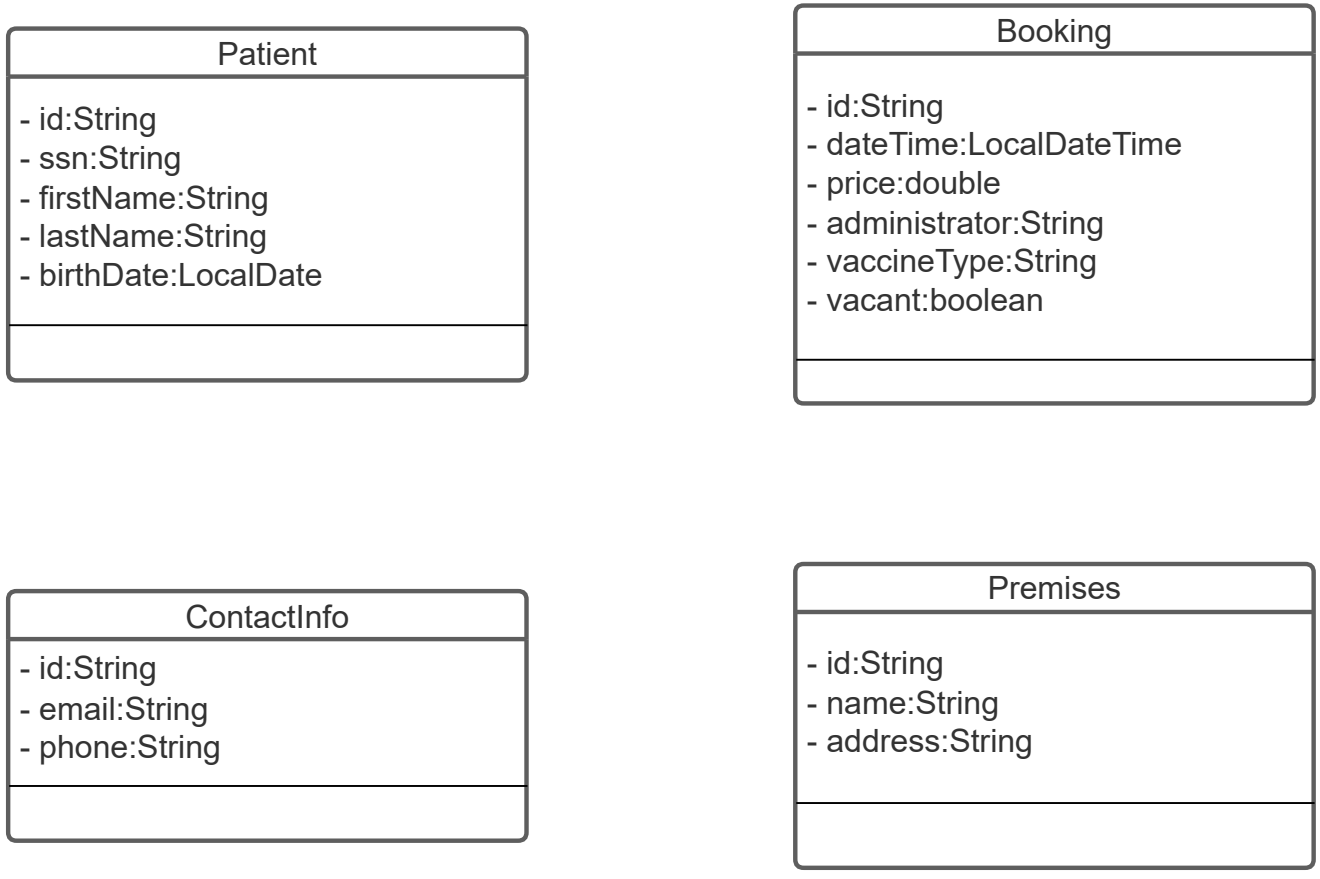
Martin



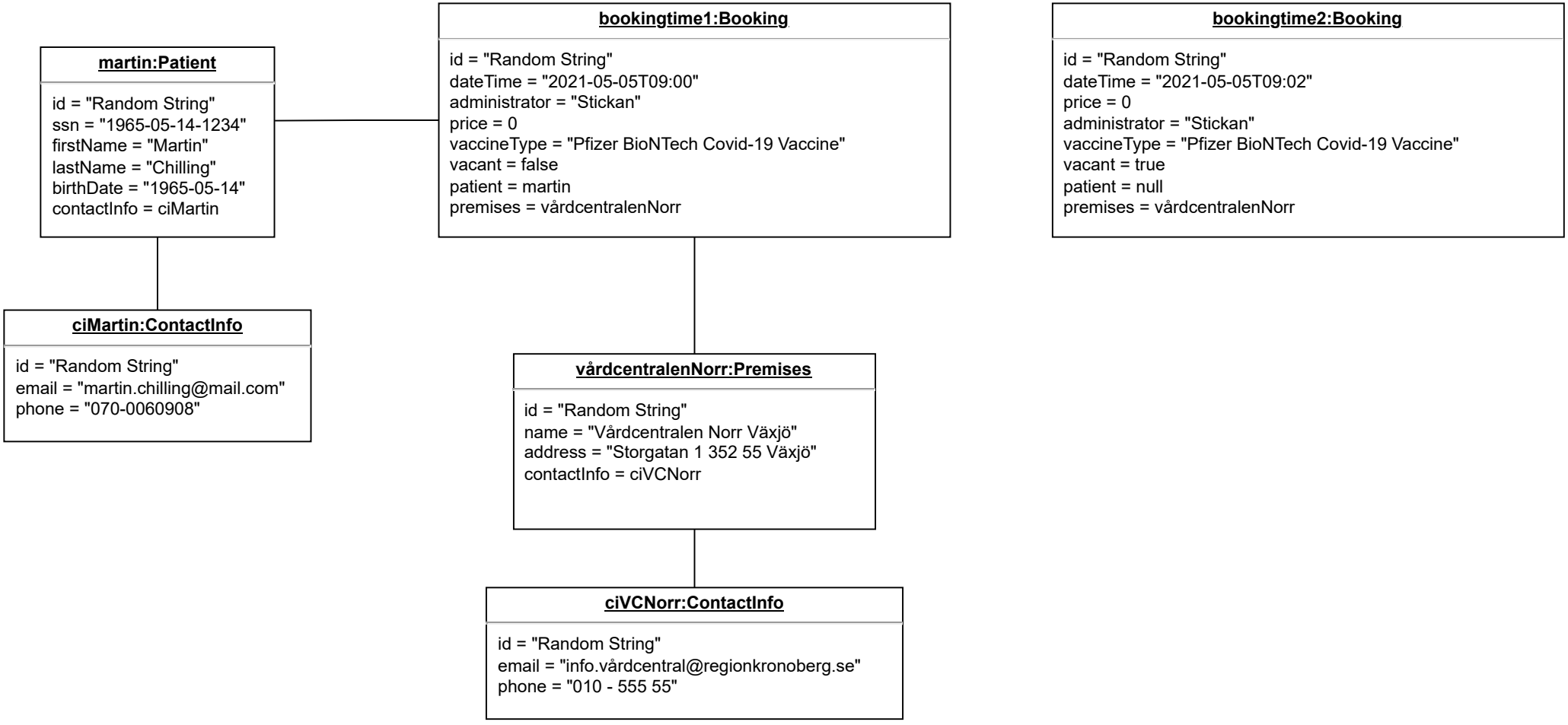

Domain Model
Patient
Booking
ContactInfo
Premises

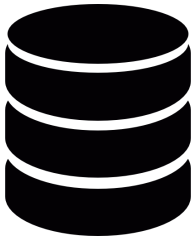

Patient
Booking
ContactInfo
Premises

UML Class Diagram



UML Object Diagram





CRUD - Create Read Update Delete

<<Interface>>
PatientDAO

+ create(Patient): Patient
+ findAll(): Collection<Patient>
+ findById(String): Patient
+ delete(String): boolean
+ findPatientByBirthDateBefore(LocalDate):Collection<Patient>

<<Interface>>
BookingDAO

+ create(Booking): Booking
+ findAll(): Collection<Booking>
+ findById(String): Booking
+ delete(String): boolean
+ findBookingByDateBetween(LocalDate,LocalDate): Collection<Booking>
+ findBookingByDateAfter(LocalDate): Collection<Booking>
+ findBookingByDateBefore(LocalDate): Collection<Booking>
+ findBookingByPatientId(String): Collection<Booking>
+ findBookingByPremisesId(String): Collection<Booking>
+ findBookingByVaccineType(String): Collection<Booking>

<<Interface>>
ContactInfoDAO

+ create(ContactInfo): ContactInfo
+ findAll(): Collection<ContactInfo>
+ findById(String): ContactInfo
+ delete(String): boolean
+ findByEmail(String): ContactInfo

<<Interface>>
PremisesDAO

+ create(Premises): Premises
+ findAll(): Collection<Premises>
+ findById(String): Premises
+ delete(String): boolean
+ findPremisesByName(String): Collection<Premises>
+ findPremisesByAddress(String): Collection<Premises>